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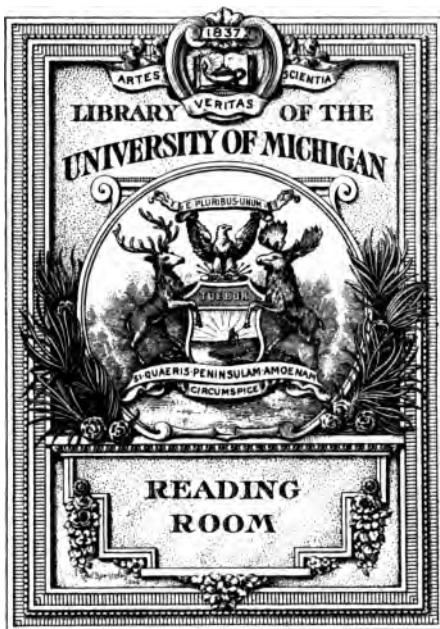
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SMITHSONIAN MISCELLANEOUS COLLECTIONS

PART OF VOLUME XLIV

INDEX TO THE LITERATURE

OF

THORIUM

1817-1902

BY

CAVALIER H. JOUET, PH. D.

LECTURER IN ANALYTICAL CHEMISTRY, COLUMBIA UNIVERSITY, NEW YORK



(No. 1374)

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## LETTER OF TRANSMITTAL.

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WASHINGTON, D. C., *October 9, 1902.*

The Committee on Indexing Chemical Literature, appointed in 1882 by the American Association for the Advancement of Science, has voted to recommend to the Smithsonian Institution for publication the following:

“INDEX TO THE LITERATURE OF THORIUM,

by Cavalier H. Jouët, Ph. D.”\*

HENRY CARRINGTON BOLTON,

*Chairman.*

Mr. S. P. LANGLEY,

*Secretary of Smithsonian Institution.*

\* This forms one of the following series:

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## P R E F A C E.

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This Index to the Literature of Thorium has been prepared after a very laborious and painstaking search through many scientific and technical journals.

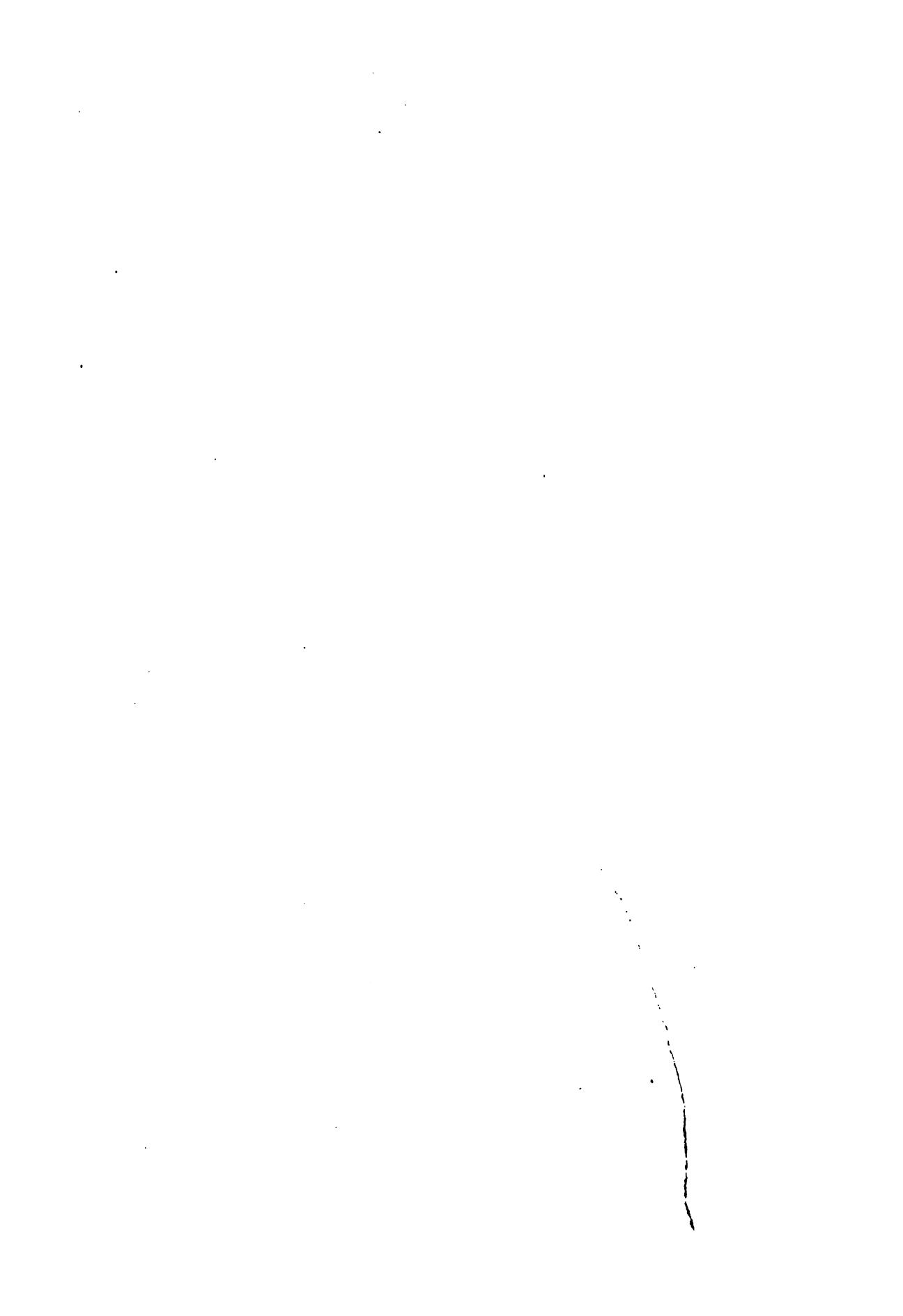
Most of the references have been verified, and usually the original article heads the list, but in some few cases this was difficult to determine.

It is not offered as absolutely complete, and the compiler requests that any one using the index would send corrections and addenda to him.

Minerals now recognized as containing thorium have been mentioned only in such cases when the earth has been found. The patent literature relative to the use of thorium in the arts is not included.

C. H. J.

COLUMBIA UNIVERSITY,  
NEW YORK, 1902.



# INDEX TO THE LITERATURE OF THORIUM.

(1817-1902.)

BY CAVALIER H. JOÜET, PH. D.

1817: 1. GAHN, WALLMANN, EGGERTZ, BERZELIUS. Undersökning af några i trakten kring Fahlun funna Fossilier, och af deras Lagerställen.  
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1817: 3. GAHN. Thorine, eine neue Erde.  
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1817: 4. BERNHARDI. Das allgemeine Krystallizations system der chemischen Elemente. "Thorinium."  
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1821: 7. BERZELIUS. Thorjord funnen på Bornholm (now problematical).  
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1823: 8. BERZELIUS. Undersökning af flusspats-syran och dess märkvärdigaste föreningar. "Tillagg om Thorjorden" (proves to be yttrium phosphate).  
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1825: 9. LETTRE DE M. BERZELIUS À M. BROGNIART. March 15, 1825. Observations sur diverses espèces Minerales, extraites d'une lettre de M. Berzelius, à M. Brogniart.

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1827: 11. ROSE. Pyrochlore, a new mineral species. Edin. J. Sci., 1827, **6**, 358-361.

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1832: 27. BERZELIUS. Mention of false discovery of Thorium (xenotime).  
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246-249; Gmelin-Kraut, *Handb. anorg. Chemie*, 1874-1886, **2<sup>1</sup>**, 559-560; Rammelsberg's *Min. Chem.*, 1875, 2 auf., **2**, 304-305; Dana's *Min.*, 1874, 5th ed., 529; Roy. Soc. C. Sci. Papers, 1872, **6**, 414.

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*Ann. chem. (Liebig)*, 1847, **61**, 264; Rammelsberg's *Min. Chem.*, 1875, 2d ed., 371-375; *Jahrb. Min.*, 1848, 326; *Annuaire de Chimie*, 1848, 175; *Jsb. Chem.*, 1847-1848, 1205.

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*L'Institut*, 1847, No. 714, 295; *Am. J. Sci.*, 1847 [2], **3**, 173-175; *Chemist (Watt)*, 1847, 242-243; *N. Jena. Lit. Ztg.*, 1848, 855; *Jahrb. Min.*, 1847, 591 Ref.; *Annuaire de Chimie*, 1848, 163; *Jsb. Chem.*, 1847-1848, 1167; *Roy. Soc. C. Sci. Papers*, 1869, **3**, 916.

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1852: 82. DAMOUR. *Ueber die Thorerde und die Donarerde. I. Auszug eines Schreibens des Hrn. A. Damour in Paris vom 26 März d. J. an Hrn. Rose. Donarium in orangite.*  
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1861: 100. **MÖLLER.** Analyse des Tritomits von Brevig.  
*Ann. Chem. (Liebig)*, 1861, **120**, 241-246; *Am. J. Sci.*, 1861, **34**, 222; *Rammelsberg's Min. Chem.*, 1895, Zweites Suppl., 305-306.

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1862: 102. VARIOUS analyses of Thorite and Orangite, by Berzelius, Damour, Bergemann, and Berlin.  
*Descloiseaux, Manual de Min.*, 1862, 133-134.

1862: 103. **H. ROSE** (analysis by Finkener and Stephens). Ueber die Zusammensetzung der in der Natur vorkommenden niobhaltigen Mineralien, "Samarskit."  
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1863: 107. NORDENSKIÖLD. Om vasiumoxiden.

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1863: 108. BAHR. Thorjorden. Vasiumoxiden.

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